

SEP-09-2004 14:20

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FACSIMILE TRANSMITTAL

DATE: September 9, 2004
TO: Office of Initial Patent Examination's
Customer Service Center
FAX NUMBER: 703-746-9195
TEL. NUMBER:
RE: Appn. 10/774,312, filed February 5, 2004
PAGES: 7
FROM: William Y. Conwell

Urgent For Review Please Reply

COMMENTS:

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WYC:dko 9/9/04

PATENT
Attorney's Matter No. P0930

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Levy et al.

Application No.: 10/774,312

Filed: February 5, 2004

For: WATERMARKING SYSTEMS AND
METHODS

Examiner

Date: September 9, 2004

Examining Group: 2621

CERTIFICATE OF FACSIMILE

I hereby certify that this correspondence and any documents referred to as being attached are being facsimile transmitted to the Patent and Trademark Office at 703-746-9195 on September 9, 2004.

William Y. Conwell
Attorney for Applicant

REQUEST FOR CORRECTED FILING RECEIPT

OFFICE OF INITIAL PATENT EXAMINATION'S
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Please provide a corrected filing receipt in the following respect:

Under The number of your priority application, to be used for filing abroad under the Paris Convention is, change "US10/774,312" to --US60/445,478--.

Enclosed is the following supporting documentation: copy of the incorrect filing receipt with the change noted thereon, and a copy of the Application Data Sheet and the first page of the patent application, both supporting the change.

Respectfully submitted,

DIGIMARC CORPORATION

By _____

William Y. Conwell
Registration No. 31,943

Date: September 9, 2004

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UNITED STATES PATENT AND TRADEMARK OFFICE

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APPL NO.	FILING OR 371 (e) DATE	ART UNIT	FIL FEE REC'D	ATTY DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/774,312	02/05/2004	2621	900	P0930		7	3

23735
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CONFIRMATION NO. 5422
 UPDATED FILING RECEIPT



'OC000000013682103'

Date Mailed: 08/31/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

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 Lance Lixin Shen, Tualatin, OR;
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Power of Attorney: The patent practitioners associated with Customer Number 23735.

Domestic Priority data as claimed by applicant

This appn claims benefit of 60/445,478 02/05/2003

Foreign Applications

If Required, Foreign Filing License Granted: 05/06/2004

The number of your priority application, to be used for filing abroad under the Paris Convention is,
 US10/774,312 US 60/445,478

Projected Publication Date: 12/09/2004

Non-Publication Request: No

Early Publication Request: No

Title

Watermarking systems and methods

Preliminary Class

382

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Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

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Application Data Sheet (Multiple Inventors with Representation, Continuity and Priority)
Digimarc Corporation

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Application Information

Title Line One:: WATERMARKING SYSTEMS AND METHODS
Total Drawing Sheets:: 0
Application Type:: Utility
Docket Number:: P0930

Representative Information

Representative Customer Number:: 23735

Continuity Information

This application:: Claims benefit of
> Application One:: 60/445,478
Filing Date:: February 5, 2003
Patent No::

20784

WYC:Imp 2/5/04 P0930

-1-

EXPRESS MAIL EV324207436US

WATERMARKING SYSTEMS AND METHODS

Related Application Data

This application claims priority to provisional application 60/445,478, filed 5 February 5, 2003.

Field of the Invention

The present disclosure memorializes various improvements relating to digital watermarking.

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Background

Digital watermarking is the science of encoding physical and electronic objects with plural-bit digital data, in such a manner that the data is essentially hidden from human perception, yet can be recovered by computer analysis. In physical objects, the 15 data may be encoded in the form of surface texturing, or printing. Such marking can be detected from optical scan data, e.g., from a scanner or web cam. In electronic objects (e.g., digital audio or imagery -- including video), the data may be encoded as slight variations in sample values. Or, if the object is represented in a so-called orthogonal domain (also termed "non-perceptual," e.g., MPEG, DCT, wavelet, etc.), the data may 20 be encoded as slight variations in quantization values or levels. The present assignee's patents 6,122,403 and 6,614,914 are illustrative of certain watermarking technologies.

Watermarking can be used to tag objects with a persistent digital identifier, and as such finds myriad uses. Some are in the realm of device control -- e.g., tagging video data with a do-not-copy flag that is respected by compliant video recorders. (The 25 music industry's Secure Digital Music Initiative (SDMI), and the motion picture industry's Copy Protection Technical Working Group (CPTWG), are working to establish standards relating to watermark usage for device control.) Other watermark applications are in the field of copyright communication, e.g., indicating that an audio track is the property of a particular copyright holder.